

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	MU08
STATION NUMBER	MU08
4 CHAR ID	MU08
COUNTRY	IRAQ
LOCATION	AL MUTHANNA
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	07 JUL 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	MU08
4 CHAR ID	MU08
STATION NUMBER	MU08

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N / S	30°17'15" N
LONGITUDE E / W	044°48'04" E
HT (M)	+27
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R MU 80873 50629
SURVEYING AGENCY	IGRS

FIELD INPUT BY: LCPL HARRIS-HUGHES	UNIT: IGRS	DATE: 07 JUL 2005
FIELD CHECKED BY: SGT MOSTAFA	UNIT: IGRS	DATE: 07 JUL 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	30° 17' 14.92865''
LONGITUDE E	044° 48' 04.10820''
SPHEROIDAL HT (M)	262.571
ORTHOMETRIC HT (M)	-3.42
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.015
RELATIVE HEIGHT ACCURACY (M)	0.015
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
--------------------	------------------	----------

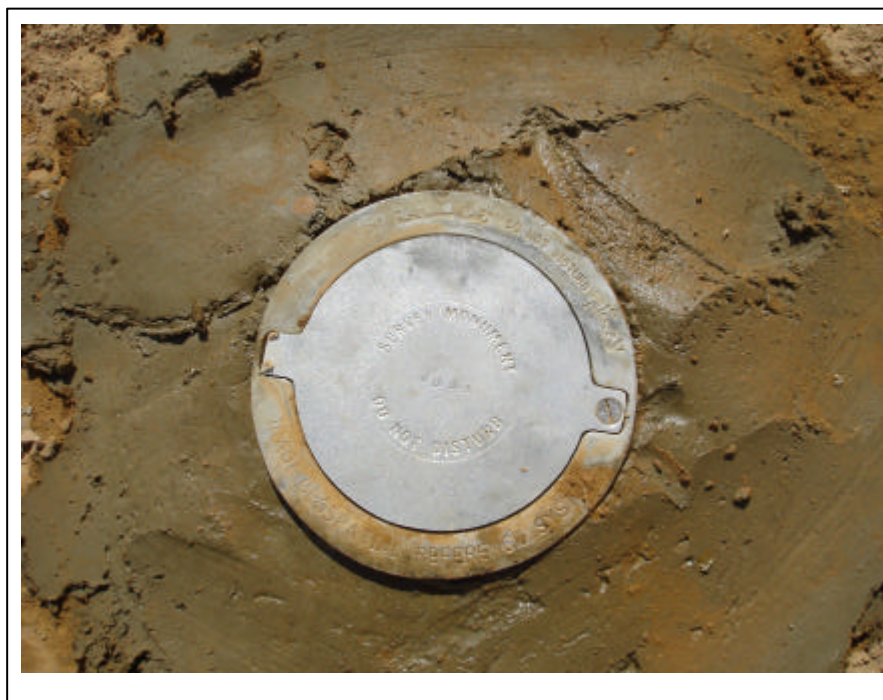
AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: MU08	
STATION NUMBER: MU08	4 CHAR ID: MU08
LOCATION: AL MUTHANNA	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: NEW	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 2

MONUMENT PHOTO / SKETCH



PREPARED BY: LCPL HARRIS-HUGHES	UNIT: IGRS	DATE: 07 JUL 2005
CHECKED BY: SGT MOSTAFA	UNIT: IGRS	DATE: 07 JUL 2005

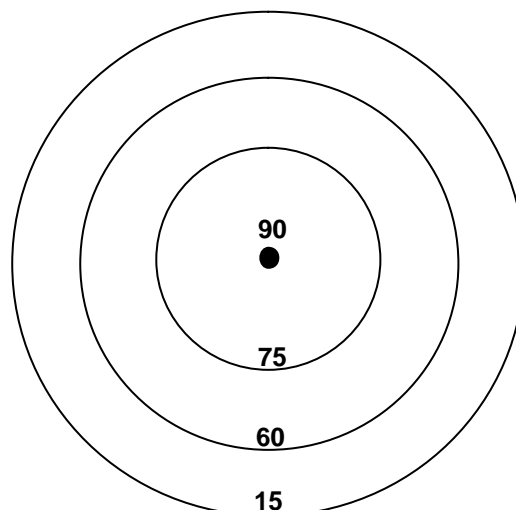
STATION DIAGRAM

STATION LONG NAME: MU08	
STATION NUMBER: MU08	4 CHAR ID: MU08

Need GPS for this point.

NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1			
2			
3			
4			

OBSCURITY DETAILS



PREPARED BY: LCPL HARRIS-HUGHES	UNIT: IGRS	DATE: 07 JUL 2005
CHECKED BY: SGT MOSTAFA	UNIT: IGRS	DATE: 07 JUL 2005

ACCESS MAP

STATION LONG NAME: MU08

STATION NUMBER: MU08

4 CHAR ID: MU08

MAP DETAILS

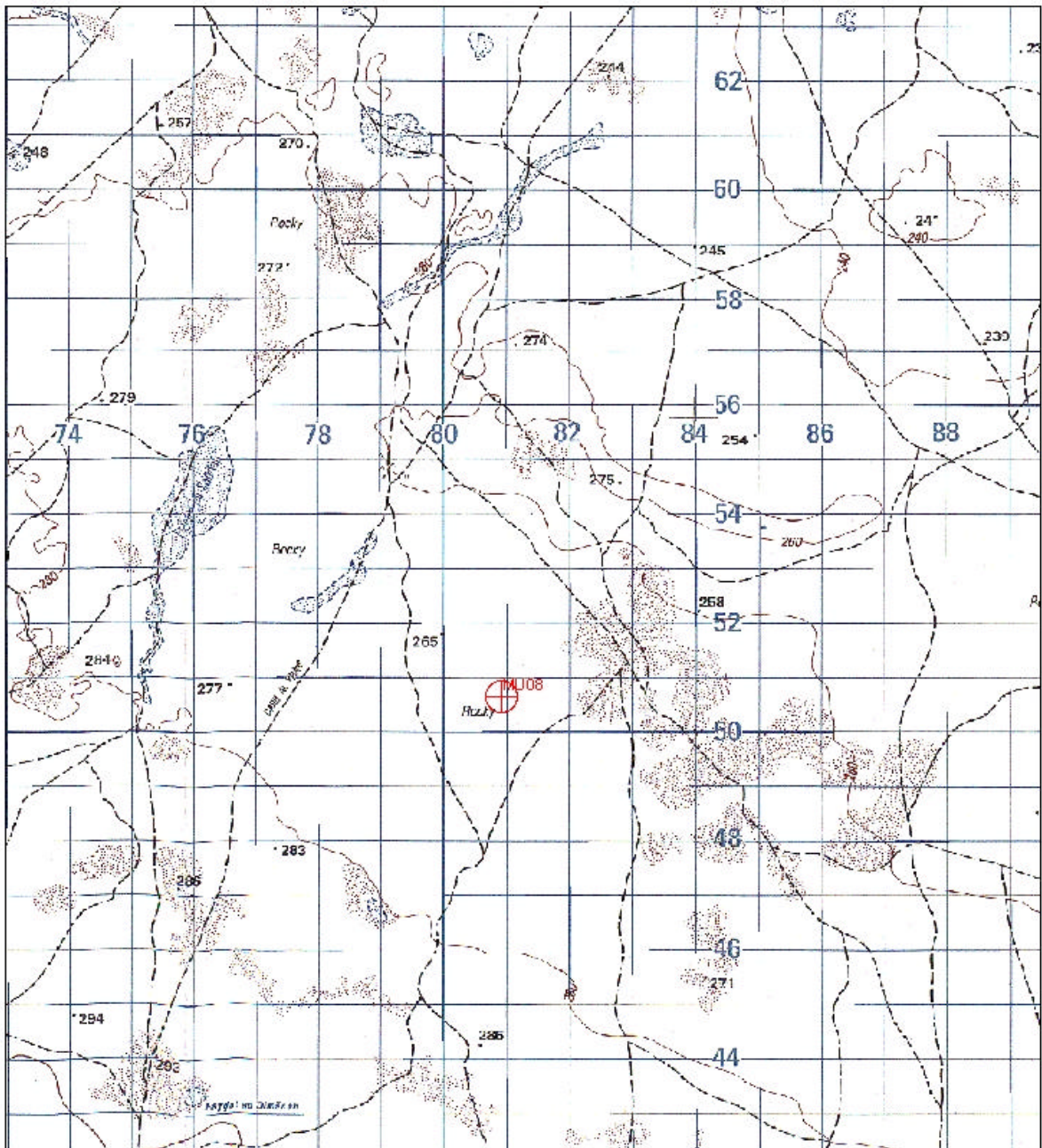
SERIES: K643

SHEET: 4950

EDITION: 1-DMA

SCALE: 1:100,000

GR: 38R MU 80878 50665



PREPARED BY: LCPL HARRIS-HUGHES

UNIT: IGRS

DATE: 07 JUL 2005

CHECKED BY: SGT MOSTAFA

UNIT: IGRS

DATE: 07 JUL 2005

ACCESS DESCRIPTION

STATION LONG NAME: MU08		
STATION NUMBER: MU08		4 CHAR ID: MU08

MAP DETAILS	SERIES: K643	SHEET: 4950
EDITION: 1-DMA	SCALE: 1:100,000	GR: 38R MU 80878 50665

From major junction at GR 38R MU 595 818 proceed 35km east from there proceed 30km due south to GR 38R MU 80873 50663
GPS is required for this point.

PREPARED BY: LCPL HARRIS-HUGHES	UNIT: IGRS	DATE: 07 JUL 2005
CHECKED BY: SGT MOSTAFA	UNIT: IGRS	DATE: 07 JUL 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: MU08	
STATION NUMBER: MU08	4 CHAR ID: MU08

NEAR APPROACH FACING SOUTH



FAR APPROACH FACING SOUTH



TAKEN BY: SGT MOSTAFA	DATE TAKEN: 07 JUL 2005
-----------------------	-------------------------

CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU08	
STATION NUMBER: MU08	4 CHAR ID: MU08

NORTH



SOUTH



TAKEN BY: SGT MOSTAFA	DATE TAKEN: 07 JUL 2005
-----------------------	-------------------------

CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU08	
STATION NUMBER: MU08	4 CHAR ID: MU08

EAST



WEST



TAKEN BY: SGT MOSTAFA	DATE TAKEN: 07 JUL 2005
-----------------------	-------------------------

PAGE 9 OF 9